Hri Navigation Channel Condition Status Report - December 16, 2020 **US Army Corps** of Engineers <u>Marker</u> <u>Mississippi</u> River Mile **Illinois River** Lock and Dam 22 ► L&D 22 301 80 TW Current = 6.7 ft. RMs 76-78 -TW 1 Wk Forecast = 4.6 ft. **78 - 76 →** CHANNEL RM 298.4 - AID TO TW 2 Wk Forecast = 4.2 ft. CONDITION **NAVIGATION** The navigation A nun buoy has been reported RM 273.4 - L/D 24 RESTRICTION channel is submerged near Mile 298.4. Lock 24's lower guidwall end cell will be under repair narrow in from 1/4/21-2/4/21. While under repair, no vessel will between RMs RM 273.4 & 241.4 76-78. It is be allowed to utilize the lower guidewall end cell as **LOCKAGE & CREW** recommended work platforms will be extending from the cell for **CHANGE SPECIAL** approx. 8 ft. Mariners should be alert for and abide by **→**L&D 24 273.5 that mariners REQUIREMENTS any special instructions from the lockmaster. stay in the (COVID-19) center of the Please see the below channel and Lock and Dam 24 link for PN_20-02 avoid passing if TW Current = 16.8 ft. regarding COVID-19 possible. TW 1 Wk Forecast = 14.5 ft. restrictions at the lock TW 2 Wk Forecast = 14.0 ft. and dams. LINK Lock and Dam 25 RM 241.4 L&D25 TW Current = 16.6 ft. **CLOSURE** TW 1 Wk Forecast = 14.1 ft. **►** L&D 25 241.5 Lock 25 will be closed TW 2 Wk Forecast = 13.8 ft. for 90 days to perform gate anchorage repairs Mel Price Locks and Dam starting 1/1/21 at 0600 TW Current = 6.0 ft. and ending on 3/31/21 TW 1 Wk Forecast = 3.4 ft. at 1800. TW 2 Wk Forecast = 2.7 ft. Grafton Illinois R. RM 200.5 - MEL PRICE L/D RESTRICTION The bullnose protection armor for the lower long wall of the Mel Price L/D (Main Chamber) is experiencing RM 200.5 - DREDGE OPERATION deterioration. Continuing until further notice, all tows The USACE vessel M/V Grand Tower is dredging in → Mel Price 201 transiting the main lock are requested to stay off the the vicinity of Mile 200.5 at the Mel Price Auxiliary lower long wall bullnose. lock chamber downstream approach. Work will be be conducted from 6 am to 6 pm, each day. No MILE 200.5 - MEL PRICE L/D CLOSURE channel closures or special passing instructions are Melvin Price Lock and Dam, will have a four to six 194 Upper R. Missouri R. expected with this operation. hour closure of each Lock on 17 December 2020. Lower R. The tentative schedule is to have the Main Lock RM 195.4 - ROLL-OFF OPERATION 184 closed from 0600 to 1200 and the Auxiliary Lock Locks 27 Continuing until further notice, the Canal Barge closed from 1200 to 1800 hours. 184.2 Company is conducting a roll-off operation from a 183 barge that is perpendicular to the navigation channel, in the vicinity of Mile 195.4, LDB, Phoenix → St. Louis 180 Terminal. Mariners are urged to use caution when RM 185.1 - LOCK 27 CLOSURE transiting this area and if possible, transit along the Liftgate chain replacement closures will RDB, at the slowest safe speed. Mariners may occur at Lock 27 on: Auxiliary Lock contact Andrew Deluca at (504) 584-1587, for 1/11/21 at 0600 to 1/29/21 at 1800, Main additional information. Lock 2/1/21 at 0600 to 2/18/21 at 1800. <u>169.0</u> **RM 183.2 - BRIDGE CONSTRUCTION 168.2** Merchants Railroad Bridge; Work barges continue St. Louis 166.5 excavating around both left and right descending Gage = 4.8 ft.navigation piers and the right descending pier **163** Stage 1 Wk Forecast = 0.3 ft. of the center span. Work barges should not encroach Stage 2 Wk Forecast = -1.3 ft. more than 65 feet into the navigation channel, at any <u>136.9</u> time. For work barge locations, mariners are encouraged to contact the onsite work boat M/V Kaskaski KATHERINE OHARA via VHF-FM Channel 6 or 16 Chester or by phone at (217) 248-9077. Gage = 8.2 ft.Chester • 110 Stage 1 Wk Forecast = 3.6 ft. **RM 166.5- DREDGE OPERATION** Stage 2 Wk Forecast = 1.9 ft. Continuing until 12-17-20 the Dredge Potter will 102 - 103 conduct dredging operations in the vicinity of RM 166.5, moving to RM 168.2 on 12/18/20. Work will RM 69.15 - CHANNEL CONDITION be conducted 24-hours a day, 7 days a week. A Weir 69.15 R has some high points that are due to pontoon dredge pipeline may be utilized and crossing <u>80</u> be degraded as soon as a contractor can be the navigation channel. The Dredge POTTER will mobilized to the site. There is currently 9-ft draft monitor VHF-FM Ch. 13 or 16. Mariners are urged to over the top of the structure at a Cape Girardeau transit the area at their slowest safe speed and gage reading of 6.3. Mariners are advised to be proceed with caution, after passing arrangements mindful of their draft and favor the left side of the have been made. channel as they traverse the area. RM 164.0 - RM 162.0 - REVISED SAILING LINE A recent survey has identified a need to adjust the Cape Girardeau sailing line from Mile 164.0 to Mile 162.0. The revised Cape G.-52 sailing line follows the best available water Stage 1 Wk Forecast = 11.4 ft. **SEMO Port** depths through these limits. This update has been Stage 2 Wk Forecast = 9.0 ft. coordinated with RIAC, who has concurred with the change. The revised sailing line has been **RM 46.5 - CHANNEL CONDITION** 42.3 submitted and is included in the IENC chart Navigation should favor right descending side of the <u>39</u> download. navigation channel in the vicinity of RM 46.5. <u>35</u> RM 33.0, 17.0, & 16.0 - CONSTRUCTION ⊕ ← ACTIVITIES A USACE contractor will be working along the left descending bankline in the vicinity of RM 33.0, RM **23.5** 17.0, & RM 16.0. Cairo <u>15.4</u> Gage = 20.9 ft. Cairo Ohio R. Stage 1 Wk Forecast = 25.0 ft. Stage 2 Wk Forecast = 17.4 ft. Key: Probable Dredge Areas \oplus **Current Construction Location** Problematic Dredge River Mile Dredge ETA Dredge • **Anticipated Dredging Locations** On: Complete Groundings 18-Dec ☆ \supset Mechanical 200.5 +28 days 30-Nov Mechanical Δ Dredge Potter \bigcirc 166.5 +28 days 16-Dec 17-Dec Potter Dredge Bill Dredge Goetz ∇ 168.2 18-Dec 20-Dec Holman +28 days Potter Very Likely to be Problematic at Low Water 173.0 +28 days 21-Dec 22-Dec Potter 182.8 28 days 23-Dec 27-Dec Potter **Problem Resolved/Not Problematic** 184.2 28-Dec 28-Dec +28 days Potter 169.0 Please email comments or suggestions to +28 days **TBD** TBD Potter

+28 days

TBD

TBD

Potter

171.0

dawn.lamm@usace.army.mil

Dredge Status:

Dredge Potter: Currently at Mississippi RM 166.5 and moving to RM 168.2 on 12/18. **Grand Tower Mechanical Dredge:** Working at RM 200.5 at the Mel Price Auxiliary Lock downstream approach.

Channel Marker Status:

Be aware that there may be other buoys off station/missing than the ones mentioned in this report. Mariners should use caution.

For ATON or Buoy issues please contact SUMRWaterways@uscq.mil or 319-520-8556.

Pathfinder: Running a lower river channel patrol this week and then dockside next week.

Additional Risks / Concerns

CONTROLLING DEPTH OPEN RIVER St. Louis - Herculaneum (RM 185-152) Mile 182.7, Below Merchants Bridge LWRP 6.2, or 9 ft at St. Louis gage of -0.4

Herculaneum-Grand Tower (RM 152-80) Mile 115.7, Farmers Landing LWRP 8.3 or 9-ft at Chester of 0.3

Grand Tower-Cairo (RM 80 Cairo (RM 80 --0) Mile 69, Vancell Towhead LWRP 8.8 or 9-ft at Cape Girardeau of 5.6.

Navigation Notices

Local Notice to Mariners

Weather

Highs from the high 40s to the high 50s, lows from the low 20s to the low 30s. Chance of rain Saturday to the south.

Hannibal, MO St. Louis, MO Cape Girardeau, MO Cairo, IL

Web Information

For additional River Training Structure information, see the links below:

Current Construction

Recently Completed Construction

For open Regulatory Public Notices, See the link below:

Regulatory Public Notices

For the most recent channel patrol and pre or post dredge surveys, see the links below:

Channel Patrol Surveys

Dredge Surveys

Electronic Navigation charts for the Upper Mississippi River are available online for download or to order at the below link:

Electronic Charts

More Status Reports

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